LLM
Building a News Research Tool

This project is a tool for summarizing news articles using OpenAI's language models.

- NITIMA SAIGAL

project 9 part 2

EXPLORER · · ·

langchain_config.py   app1.py ×   requirements.txt   secrets.toml   app.py

∨ PROJECT 9 PART 2

app1.py > ...

> __pycache__
∨ .streamlit
  secrets.toml
app.py
app1.py
lang.py
langchain_config.py
mprofile_20240708125733.dat
queries.txt
requirements.txt

```python
45        if query:
46            with st.spinner('Fetching and summarizing news articles...'):
47                summaries = get_summary(query)
48                if "error" in summaries:
49                    st.error(summaries)
50                else:
51                    response = call_openai_with_rate_limit_handling({'query': query, 'summaries': summaries})
52                    # Save query
53                    with open('queries.txt', 'a') as file:
54                        file.write(query + '\n')
55                    st.success('Done!')
56                    st.write('### Summary:')
57                    st.write(response)
58                    st.download_button(
59                        label="Download Summary",
60                        data=response,
61                        file_name="summary.txt",
62                        mime="text/plain"
63                    )
64        else:
65            st.warning('Please enter a query.')
66
67    st.sidebar.title('Historical Data Analysis')
68    if st.sidebar.button('Analyze'):
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
  Local URL: http://localhost:8501
  Network URL: http://192.168.1.3:8501

C:\Users\Niti\anaconda3\Lib\site-packages\langchain\llms\__init__.py:549: LangChainDeprecationWarning: Importing LLMs from langchain is deprecated. Import
ing from langchain will no longer be supported as of langchain==0.2.0. Please import from langchain-community instead:

`from langchain_community.llms import OpenAI`.

To install langchain-community run `pip install -U langchain-community`.
  warnings.warn(
```
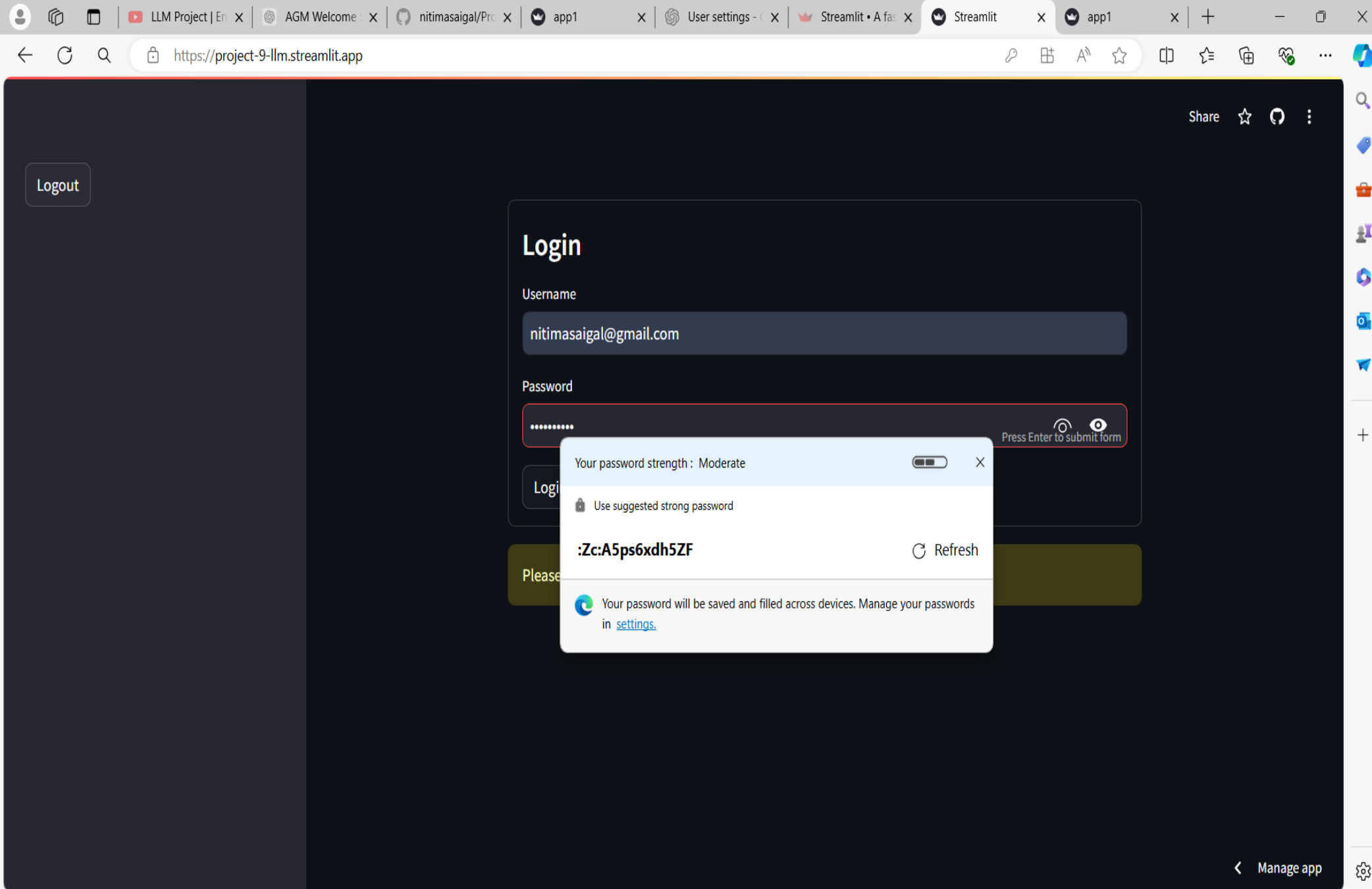
master*   ⊗ 0 ⚠ 0   ⓩ 0   Ln 80, Col 1   Spaces: 4   UTF-8   CRLF   { } Python   3.11.5 ('base': conda)

This is my streamlit code. After running langchain_config. py file, I had run app.py file in streamlit and I got both Local and Network URLs.

32°C
Mostly cloudy

ENG
IN

12:26
15-07-2024

Logout

Login

Username

nitimasaigal@gmail.com

Password

••••••••••

Press Enter to submit form

Your password strength : Moderate

🔒 Use suggested strong password

:Zc:A5ps6xdh5ZF   ↻ Refresh

Your password will be saved and filled across devices. Manage your passwords in settings.

Login

Please

Share

Manage app

After running streamlit code, this file opened because I had added username and password as extra features in my code.

Very hot weather
Now

ENG
IN

15:41
13-07-2024

Logout

Login

Username

nitimasaigal@gmail.com

Password

Press Enter to submit form

Your password strength : Moderate

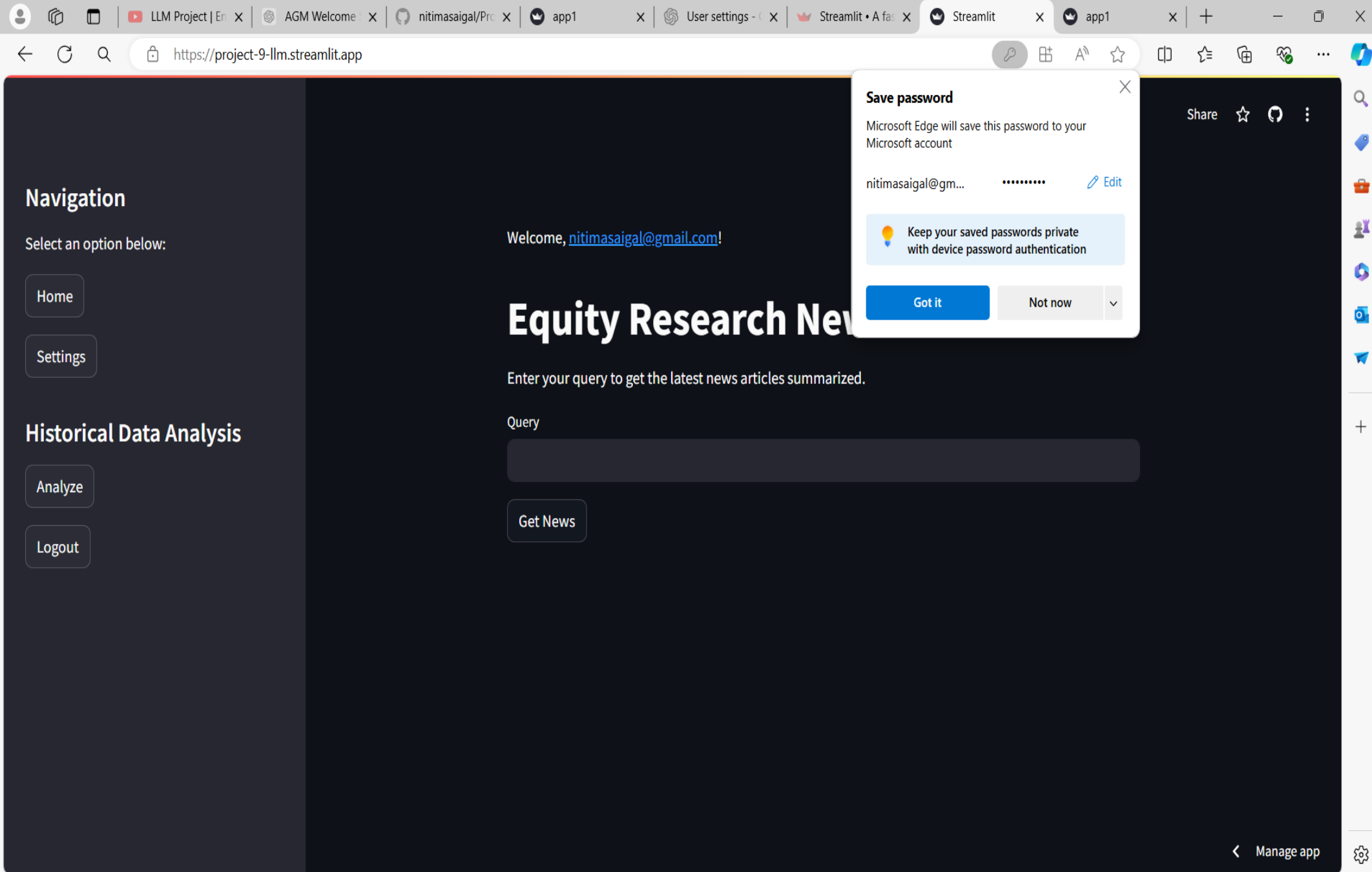🔒 Use suggested strong password

:Zc:A5ps6xdh5ZF   ↻ Refresh

Your password will be saved and filled across devices. Manage your passwords in settings.

Login

Please

< Manage app

Share

LLM Project | En   AGM Welcome   nitimasaigal/Pro   app1   User settings - 6   Streamlit • A fas   Streamlit   app1

https://project-9-llm.streamlit.app

Very hot weather
Now

ENG
IN

15:41
13-07-2024

Navigation

Select an option below:

Home

Settings

Historical Data Analysis

Analyze

Logout

Welcome, nitimasaigal@gmail.com!

Equity Research New

Enter your query to get the latest news articles summarized.

Query

Get News

Save password

Microsoft Edge will save this password to your Microsoft account

nitimasaigal@gm...   •••••••••   ✏ Edit

💡 Keep your saved passwords private with device password authentication

Got it   **Not now**

Manage app

After pressing 'Login' button, this page opens and a reminder pop up comes suggesting to save the password and I pressed 'Got it' button so that my password can be saved to Microsoft account

https://project-9-llm.streamlit.app

Share

Navigation

Select an option below:

Home

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Welcome, nitimasaigal@gmail.com!

Equity Research News Tool

Enter your query to get the latest news articles summarized.

Query

artificial intelligence

Get News

Generative artificial intelligence tools, now part of the everyday user experience online, are causing stress on local power grids and mass water evaporation. Have you ever wondered what your favorite memes might look like if they were animated? Well, wonder no longer. Thanks to advancements in artificial intelligence technology, you can now see those static images come to life. And they look like absolute dogshit.... Artificial intelligence is pretty much everywhere you look at the moment, churning out reams and reams of text andpiles and piles and images, and its ability to synthesize 'new' material out of vast amounts of training data extends to audio too: You can have ... Advanced editing software is blurring the lines between real and AI-generated posts. If artificial intelligence is going to eventually replace creative work, we certainly shouldn't accelerate the process by helping. AI , co-founded by musician Martin Clancy, seeks to set standards involving artificial intelligence and the music industry. Experts say friendships can be good for health. What are the implications if those

Manage app

Then this final screen is here which is asking for a query in which we can write anything we want to ask

https://project-9-llm.streamlit.app

Share

Navigation

Select an option below:

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Analyze

Logout

Welcome, nitimasaigal@gmail.com!

Equity Research News Tool

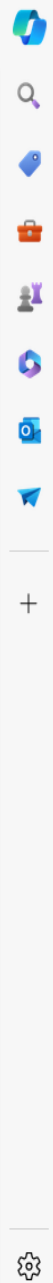Enter your query to get the latest news articles summarized.

Query

artificial intelligence

Get News

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Manage app

I have written 'artificial intelligence' in my Query and pressed button 'Get News'. A Summary shows all the information related to artificial intelligence

Navigation

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Analyze

Logout

Generative artificial intelligence tools, now part of the everyday user experience online, are causing stress on local power grids and mass water evaporation. Have you ever wondered what your favorite memes might look like if they were animated? Well, wonder no longer. Thanks to advancements in artificial intelligence technology, you can now see those static images come to life. And they look like absolute dogshit.... Artificial intelligence is pretty much everywhere you look at the moment, churning out reams and reams of text andpiles and piles and images, and its ability to synthesize 'new' material out of vast amounts of training data extends to audio too: You can have ... Advanced editing software is blurring the lines between real and AI-generated posts. If artificial intelligence is going to eventually replace creative work, we certainly shouldn't accelerate the process by helping. AI , co-founded by musician Martin Clancy, seeks to set standards involving artificial intelligence and the music industry. Experts say friendships can be good for health. What are the implications if those relationships are fabricated by artificial intelligence? Apple joins OpenAI, Adobe, Google and Microsoft in adding data to help identify such images. Other tech companies want to sell you chatbots. Apple's demos show the value of seeing the AI as an integrated, holistic experience rather than a stand-alone app or device. A new Citi report says finance will be "at the forefront" of changes due to artificial intelligence. Business Insider's "Workforce Innovation" series covers artificial intelligence, the C-suite, worker well-being, and diversity, equity, and inclusion. OpenAI CEO Sam Altman stays winning even amid a torrent of bad publicity surrounding the artificial intelligence startup. The tech giants both report surges in greenhouse gas emissions as they double-down on adding artificial intelligence to all of their products. Apple eventually plans to turn some of its artificial intelligence features into paid services, similar to iCloud+ subscriptions, according to Bloomberg reporter Mark Gurman.

Writing in his latest Power On newsletter, Gurman said that while Apple Intelli... Experts warn the Texas power grid faces new strains from growing tech-sector data centers that are consuming ever more electricity for crypto-mining and artificial intelligence. Amazon's stock has gained 52% in the past 12 months, partly driven by enthusiasm for the company's investments in artificial intelligence. [Removed] OpenAI CEO Sam Altman and Airbnb CEO Brian Chesky said tech companies should be

Share

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The Bose QuietComfort Ultra and Ultra Open earbuds are both gaining support for multipoint, which will let them pair with two audio devices at the same time. Anthropic's latest Claude AI model pulls ahead of rivals from OpenAI and Google. But advances in machine intelligence have lately been more incremental than revolutionary. Cailee Spaeny stars in the latest film in the Alien franchise, directed by Fede Alvarez. It opens August 16. Plus, Deadpool & Wolverine goes Bachelor in its latest trailer. Leslye Headland has seen your speculation about the unknown world Star Wars' latest villain calls home. We still live in a world where new seasons of Futurama exist! The latest arrives July 29 on Hulu, and the first trailer is here. The latest Quantinuum computer has nearly double the number of qubits as its predecessor and outperforms its competitors 100-fold. Hackers accessed OpenAI's internal systems last year and stole messages about AI design, prompting security concerns. Neon's latest bit of marketing for the horror movie isolates Maika Monroe's racing heartbeat from the first time she saw Cage in character. The latest episode of The Acolyte gave us an intriguing connection back to the High Republic books that inspired it. The International Committee of the Red Cross said the "grave security incident" was the latest of several. The Star Wars showrunner dives into The Acolyte's latest episode, and the interesting powers at play in its understanding of the Force. Omagh teenager Alice McGrath is the latest face of high fashion after being discovered online. A new WhatsApp beta highlighted a shortcut for quicker replies to video messages. Galaxy Ring should be sporting heart rate monitoring, stress tracking, skin temperature measurement, and snore detection. The leaks continued as the latest round showed the Galaxy Z Flip 6 in a blue hue. Thanks to the leaked renders, we know three Pixel models are in the lineup this year. And the new XL model finally reaches benchmark testing ahead of the launch. Hollywood has been trying to adapt William Gibson's groundbreaking 1984 cyberpunk novel Neuromancer for years—and now it really seems the latest attempt, taking the form not of a feature film but a series at sci-fi hub Apple TV+—is truly happening. After a Fe… The latest figures show 49 deaths in the week beginning 1 July, with almost three-quarters in the over-75 age group. A new rumor from Bloomberg suggests that the Apple Watch

Manage app

I can not give more calls than this because in that case, it will show as 'Insufficient Quota' for my API keys

This app is working now on local host and on network url as well. The link for my app is:

[Streamlit (project-9-llm.streamlit.app)](https://project-9-llm.streamlit.app)

Username: "nitimasaigal@gmail.com
Password: "Hargun@123"

THANKYOU